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PATENT APPLICATION
GROUP 2700

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takumi HASEGAWA

Appln. No. 09/273,560

Filed: March 22, 1999



Group Art Unit: 2763

Examiner: Unknown

For: DELAY ANALYSIS SYSTEM

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Publication No. 09-259170, published October 3, 1977.
2. Japanese Unexamined Patent Publication No. 08-63499, published March 8, 1996.
3. Japanese Unexamined Patent Publication No. 07-282095, published October 27, 1995.
4. Japanese Unexamined Patent Publication No. 07-249060, published September 26, 1995.
5. Japanese Unexamined Patent Publication No. 05-205004, published August 13, 1993.
6. Japanese Unexamined Patent Publication No. 06-295324, published October 21, 1994.

One copy of each of the listed documents is submitted herewith.

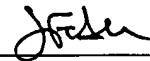
Takumi HASEGAWA
Appln. No. 09/273,560
Information Disclosure Statement

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action dated March 14, 2000 with an English translation of the pertinent portions thereof which cites such documents and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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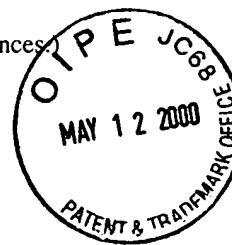
Ref: Q53743 AN: 09/273,560

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Notation (For Cited references, see List of Cited References.)

Regarding Claims 1 - 4
References 1 - 4



<Comments>

* Regarding Claims 1 - 4

The wave form information library in Reference 1 is a library for static analysis has information termed "information indicating what type of delay-value waveform is obtained as the output signal when a certain type of input waveform is applied as the input signal" (corresponding to the "delay analysis" in this invention) and (corresponding to the "logical operation information" in this invention) "what delay times in the output signals are there relating to the input signals?"

When calculating the delays, the technology described in References 2 and 3 uses the input signals, the output signals, and the delay time when performing the delay calculation.

The technology described in Reference 4 has delay time information pertaining to the combination of the nominal rising edges and falling edges at the input terminals of the circuit and the rising edges and falling edges at the output terminals.

The effects of the invention in Claims 1 through 4 of this application are such that they can be expected by a person skilled in the art from that which is found in References 1 through 4.

LIST OF REFERENCES

1. Japanese Unexamined Patent Publication H9-259170
2. Japanese Unexamined Patent Publication H8-63499
3. Japanese Unexamined Patent Publication H7-282095
4. Japanese Unexamined Patent Publication H7-249060

RECORD OF PRIOR ART LITERATURE SEARCH RESULTS

<Scope of Search>

- * IPC Version 7
G06F 17/50
- * FI
G06F 15/60, 668@C, etc.
- * Other
JICST File (JOIS)

PRIOR ART LITERATURE

1. Japanese Unexamined Patent Publication H5-205004
2. Japanese Unexamined Patent Publication H6-295324

This record of prior art literature search results does not constitute the reason for rejection.